

ITEM: 22

SUBJECT: Uncontested NPDES Permits

REPORT: Following are the proposed permits. All agencies and the dischargers concur or have offered no comments.

a. **GRIZZLY RANCH COMMUNITY SERVICES DISTRICT,
WASTEWATER COLLECTION, TREATMENT, AND
RECYCLING FACILITY, Plumas County**

The Discharger owns and operates a wastewater collection, treatment, and recycling facility, and provides sewer service to the homes and businesses in the Grizzly Ranch Community Services District. The Wastewater Treatment Plant (Facility) is designed to treat 0.081million gallons per day of domestic wastewater (design flow). The Facility consists of a headworks, a sequencing batch reactor for BOD, total suspended solids, and nitrogen removal, multimedia filters for effluent polishing, chlorination, and dechlorination. From 16 May to 15 November, discharge to the receiving water, Big Grizzly Creek, is prohibited, with some exceptions. During this prohibition period, the wastewater is used to irrigate the golf course that is part of the development but owned and managed by the Grizzly Creek Golf LLC. Separate recycling requirements will be issued to Grizzly Creek Golf LLC for the use of the recycled water on the golf course. From 16 November to 15 May, discharge of treated wastewater to Big Grizzly Creek is allowed if dilution of at least 100:1 can be maintained.

This Order requires the Discharger to develop and submit: 1) an Operation and Maintenance Manual; 2) an annual Sludge Disposal Plan; 3) an I/I Investigation and Management Plan; 4) a Sanitary Sewer System Operation, Maintenance, and Overflow Prevention and Response Plan; 5) an Emergency Storage Pond Liner Testing Program; and 6), and an Effluent Coliform Testing Plan that will assure wastewater is not used for irrigation unless it meets Title 22 requirements. The Order may be reopened to promulgate revised water quality based effluent limitations if required monitoring indicates any pollutants have a reasonable potential to cause an exceedance of a water quality objective.

Surface water discharge in the area is to Big Grizzly Creek and its tributaries. (RSD)

b. **AEROJET-GENERAL CORPORATION, INTERIM GROUNDWATER EXTRACTION AND TREATMENT SYSTEMS, ARGET, GET E/F, GET H, INTERIM GET H, GET J, GET K, INTERIM GET K, GET L, GET L1, SAILOR BAR PARK WELL, CHETTENHAM WELL, AND LOW-THREAT DISCHARGES, Sacramento County**

Aerojet-General Corporation operates a rocket-testing and chemical manufacturing facility in eastern Sacramento County. Past practices at the facility has led to pollution of the groundwater on and off the Aerojet property. In the process of cleaning up the polluted groundwater, Aerojet extracts and treats the groundwater. The water is discharged to ground, to surface water and injected back into the aquifers. The discharges to surface water are currently at seven locations under an NPDES permit. Aerojet is expanding and modifying its groundwater extraction and treatment systems. These modifications include the construction of 3-5 new treatment systems. The permit is proposed for revision to allow the new treatment plants and additional discharge location. Effluent limitations are nearly identical to the previous permit. The exceptions are the a reduction in the perchlorate effluent limit at the ARGET facility to match the remaining treatment system's effluent limits, and a temporary change in the effluent limitation for NDMA for GET J. The former reduces the effluent limitation to 4 µg/L as perchlorate treatment is added to ARGET to treatment new extraction wells containing perchlorate. The latter is to allow the evaluation of treatment systems to provide the necessary treatment to reduce NDMA to 0.002 µg/L as the current treatment system is not providing consistent reduction to that value. The revised permit allows up to 0.008 µg/L NDMA in the effluent from GET J until January 2008. Mixing of the GET J, ARGET and GET E/F in Buffalo Creek keeps the concentration of NDMA in Buffalo Creek

RECOMMENDATION: Adopt the proposed NPDES permits.

Mgmt Review _____
 Legal Review _____

Central Valley Regional Water Quality Control Board
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28/29 November 2005